T.R.P.C.
OCT 17 2016

2016 Regional Surface Transportation Program (STP) Grant Application

PROJECT TITLE: Mullen Rd - Lacey City Limits to Carpenter Rd

TRPC use only

General Project Information

Agency or Organization	Thurston County Public Works
Contact Person	Scott Davis, PE - Interim County Engineer
Phone Number	360-867-2329
Email Address	davissa@co.thurston.wa.us

Type of Transportation Partner (*Check one*)

Traditional Transportation Partner ◉
Non-Traditional Transportation Partner ○

Type of Regional Funding Priority (*Check all that apply*)

Safety ☑
Preservation ☑
Efficiency ☑

Threshold Criteria

Project elements meet all regional eligibility requirements ☑
Project elements and administration meet all federal eligibility requirements ☑
Applicant can demonstrate ability to obligate funding as proposed ☑

Status of Existing Federal Projects

	Yes	No
Does the applicant have any other regional STP projects underway? (yes or no)	◉	○
Does the applicant have any other state selected federal projects underway? (yes or no)	◉	○

If yes to either, attach separate documentation describing status of each project including project name, funding source, year of award, progress to date, future obligation commitments and strategy for meeting those obligation commitments in addition to those associated with new project funding.

Project Overview

Brief abstract (~ 150 words) of proposal identifying problem or need, how the proposal will address it, and anticipated benefits. This is a high level summary suitable for reports and on-line descriptions. Detailed project information is provided on page 3.

Mullen Road SE is the only east-west corridor between Long Lake and Pattison Lake and the project provides direct access to three schools and a fire station. Local residents, including students, use this route to walk or ride bicycles to school. The existing two lane roadway includes two 12 ft travel lanes, but does not have adequate illumination, stormwater management, or pedestrian and bicycle facilities. This project will reconstruct the road, and add sidewalks, bicycle lanes and street lighting. This project will make a safer corridor for pedestrians, bicyclists, and motorists, extend the life of the roadway, and improve water quality. In addition, it will promote multi-modal transportation by providing sidewalks and bicycle lanes that connect residential areas to local schools and to the major arterial system feeding downtown Lacey and other commercial areas.

Project Location and Details – applicants may submit a map of the project or program/service area

Construction Projects	Project Location	Mullen Rd SE - City Limits to Carpenter Rd SE
	Type of Construction Project	Re-construction
	Roadway Classification	Urban Minor Arterial
	Length of Construction Project	1 mile
Vehicle Acquisition Projects	Number of Vehicles	N/A
	Type of Vehicle	N/A
Transportation Programs/Services /Studies	Delivery Area of Program/Service/Study	N/A
	Type of Program/Service/Study	N/A
	Duration of Program/Service/Study	N/A

Project Phasing and Costs

Identify project phases and costs		Phase	Cost
Construction Projects (mark the appropriate phase and enter cost)	Preliminary Engineering/Design:	☐	$
	Right-of-Way:	☑	$ $1,100,000
	Construction:	☐	$
Vehicle Acquisition Projects	Vehicle Purchase	☐	$
Transportation Programs, Services, or Studies	Programs, Studies, or Services	☐	$

*Construction proposals that include two or more project phases spanning more than one year **must include a separate application for each phase.**

Year of Obligation

FFY 2017 – 2019 Project Obligation	2017	2018	2019
Select the preferred federal fiscal year the project will obligate*	◉	○	○
Select an alternate federal fiscal year the project could obligate	◉	○	○

*Applicants are expected to obligate their project on time, as stated on this application and indicated on the award letter, if the project proposal is selected.

STP Funding Request and Matching Revenues

Federal Funding Request and Match (non-federal share)

*From Project Applicant**	*Local funding or other sources*	$ 519000
	State funding	$ 281000
	STP Grant Request	$ 300000
	Total Project/Phase Revenue	$ 1100000

**Applicants must provide a minimum of 13.5% non-federal share to federal share.*

Example
Total Project Cost is $100,000
Minimum non-federal share: $13,500
Federal STP Funds: $86,500

Support for the Regional Transportation Plan, Sustainable Thurston or Other Regional Initiatives

Identify ways in which the proposed project supports the goals and policies of the Regional Transportation Plan, implementation of Sustainable Thurston transportation initiatives, or other regional initiatives. Examples of other initiatives include, but are not limited to, Urban Corridor Communities and associated District Plans, Healthy Kids Safe Streets Action Plan, South Thurston Economic Development Initiative, Walk and Roll, Commute Trip Reduction, I-5 Action Plan, Bountiful Byways, Smart Corridors.

This project directly supports the recognized regional initiatives, in addition to the Regional Transportation Plan. The goals are met by providing a multi-modal facility that provides bike lanes and sidewalks. The sidewalks, bicycle lanes, and bus stops will link pedestrians and bicyclists to the Intercity Transit. The multi-modal facilities also provide safe routes to students attending Lakes and Woodland Elementary Schools and Timberline High School. This project also meets preservation and efficiency goals by rebuilding the roadway and improving capacity to the network by adding a roundabout at Carpenter Rd.

Certification Acceptance

CA Agency and Representative Thurston County Public Works - Scott Davis, PE - Interim County Engineer

CA Signature and Date 10/14/16

Project Verification and Endorsement

This project proposal reflects established local funding priorities consistent with the Regional Transportation Plan. Costs represent accurate planning level estimates needed to accomplish the work described herein. The project described is financially feasible, and local match revenue identified above is available and will be committed to the project if it receives the requested STP grant. If selected, **the project will obligate funding by the date indicated on the award letter**; failure to do so may result in loss of funding for the project and funds will not be restored. I realize that the use of federal funds for this project entails administrative and project compliance requirements over which TRPC has no control, and for which this agency or organization will be responsible. This project has the full endorsement of the governing body/leadership of this agency or organization.

Scott Davis, PE - Thurston County Public Works - Interim County Engineer
Name and Title of Designated Representative

Signature of Designated Representative 10/14/16 **Date**

Project Title: Mullen Rd - Lacey City Limits to Carpenter Rd

PROJECT DESCRIPTION & SIGNIFICANCE (2 PAGES MAX, 10 POINT FONT MINIMUM)

Using the space provided on pages 3 and 4 below, please address the following in your narrative: *Describe the proposed project and why it is a regional funding priority, paying particular attention to benefits the proposal will deliver. Consider all modes of travel in your description. Identify any collaboration or partnership with other entities with a vested interest in this project. Note whether this project leverages previous work, such as an implementation phase of a previous study or design phase, or whether it lays the groundwork for subsequent implementation phases. Describe any efforts that will help ensure this project can meet its obligation commitments. Indicate how this proposal supports the goals and policies of the Regional Transportation Plan, the transportation initiatives in Sustainable Thurston, or other adopted community plans and goals.*

This project is to complete the funding required for right of way acquisition for the Mullen Rd project between Lacey City Limits and Carpenter Rd (Federal Aid No. STPUS-5292(004)).

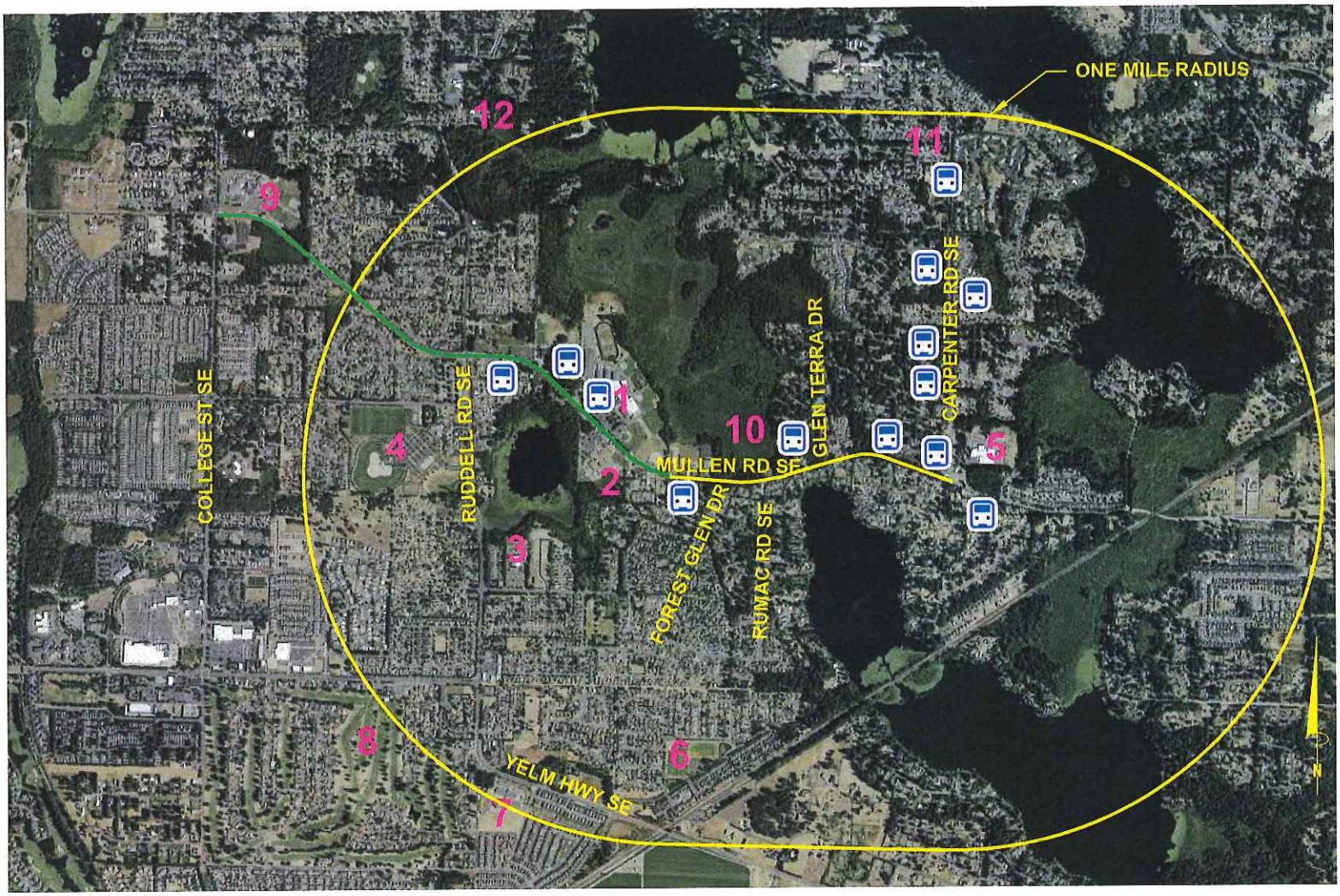
Mullen Road provides direct access to Timberline High School, Lakes and Woodland Elementary Schools, and a Fire Station as well as connecting to a large, high density residential area to the City of Lacey's core business area and the Downtown. Mullen Road is the only east-west corridor between Long Lake and Pattison Lake.

Mullen Road is federally classified as a Rural Minor Arterial and is used by more than 7,700 vehicles per day. The proposed project limits extend from City Limits to 500 feet east of Carpenter Rd. Currently the existing corridor between the City of Lacey and Carpenter Rd consists of a two-lane roadway that lacks pedestrian and bicycle facilities. Illumination is inadequate and stormwater management does not meet current Department of Ecology standards. The proposed project would have a typical section which would include two 11 foot travel lanes, 5 foot bicycle lanes, sidewalks and illumination. Retaining walls will be necessary on both sides of the project corridor to reduce impacts to adjacent homes and adjacent wetlands. Drainage will include Low Impact Development treatment and infiltration meeting current stormwater treatment standards.

By providing an efficient, multi-modal facility connecting residential areas to the central business district, it encourages the infill of vacant property in conformance with the goals of the Comprehensive Plan. By providing sidewalks, bike lanes, and bus stops this project links pedestrians and bicyclists to the Intercity Transit transportation network. This makes it convenient and thus more likely for people to walk or bike to bus stops where they can easily get on a bus to take them to their destinations rather than using single occupancy vehicles. This project in combination with the recent City of Lacey improvements will provide continuous bike lanes and sidewalks on Mullen Rd between College St and Carpenter Rd.

Public Works is ready to begin the right of way acquisition phase of the project. A NEPA determination has been issued for the project, a right of way acquisition map has been completed, and staff will be advertising for an appraiser before the end of 2016. Public Works is expected to obligate $320,000 in right of way from the 2013 STP Program to begin right of way acquisition in early 2017.

This project is listed in the 20 yr portion of the County's Comprehensive Plan. The public will have the opportunity to comment on the project through adoption of the 2016-2021 Regional TIP and at public meetings throughout the design phase. Public Works held a public open house for this project in early 2016 and is expected to have another open house later in 2017. Staff has also met with individual property owners throughout the project corridor as well as neighborhood homeowner associations.



PROPOSED GRANT –PROJECT LIMITS

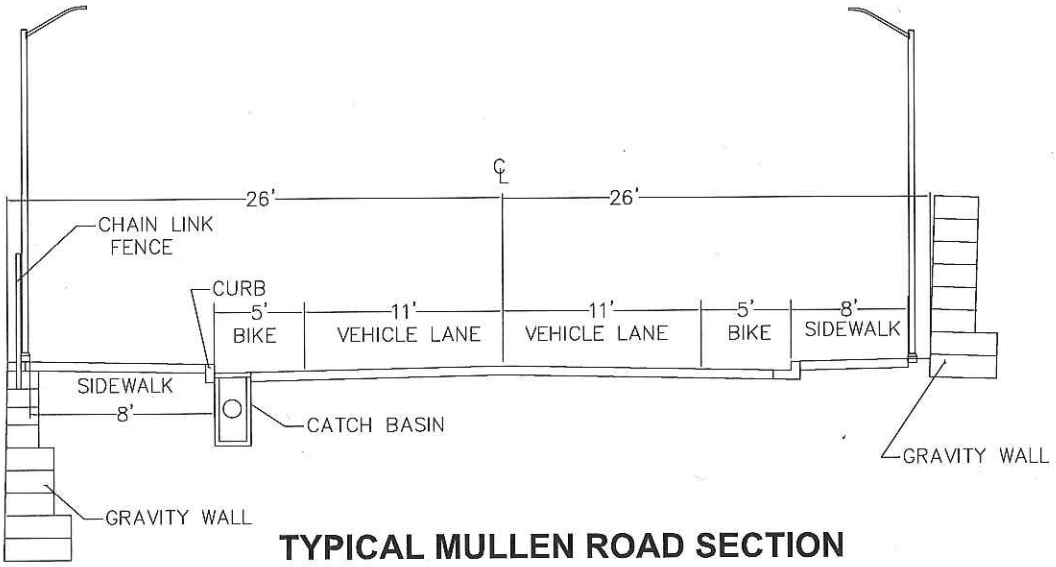
RECENTLY COMPLETED CITY OF LACEY IMPROVEMENTS

BUS STOPS WITHIN ONE MILE RADIUS

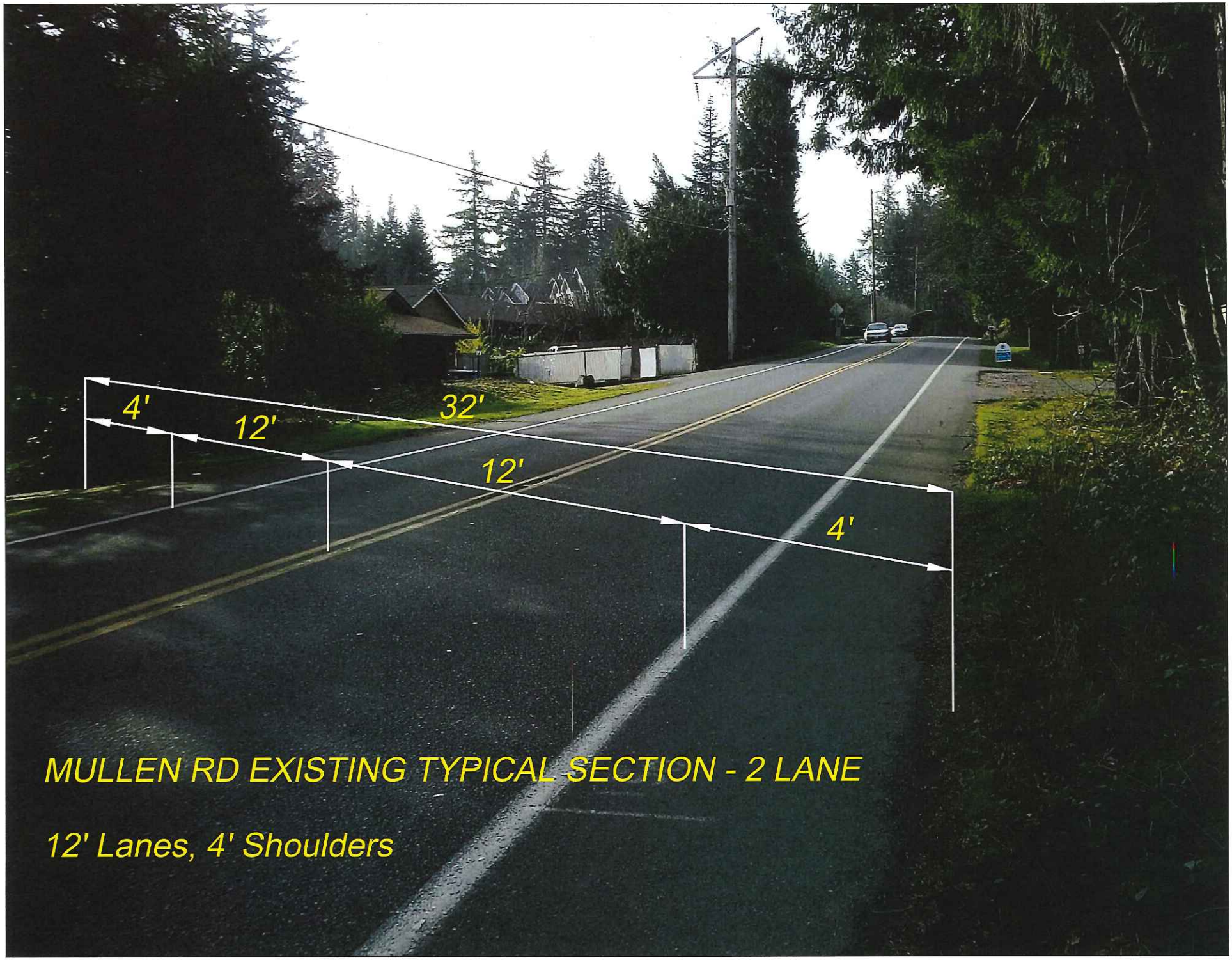
MAJOR SITES:

1 TIMBERLINE HIGH SCHOOL
2 LAKES ELEMENTARY SCHOOL
3 ASPIRE ELEMENTARY SCHOOL
4 RAINIER VISTA PARK
5 WOODLAND ELEMENTARY SCHOOL
6 LAKEPOINT PARK
7 CHAMBERS PRAIRIE ELEMENTARY SCHOOL
8 CAPITOL CITY GOLF COURSE
9 KOMACHIN MIDDLE SCHOOL
10 NATURE RESERVE–CITY OF LACEY
11 THURSTON COUNTY FAIRGROUNDS
12 WONDERWOOD PARK

MULLEN ROAD SE - SIDEWALK IMPROVEMENTS, 1-MILE RADIUS VICINITY (SCALE 1"=1200')

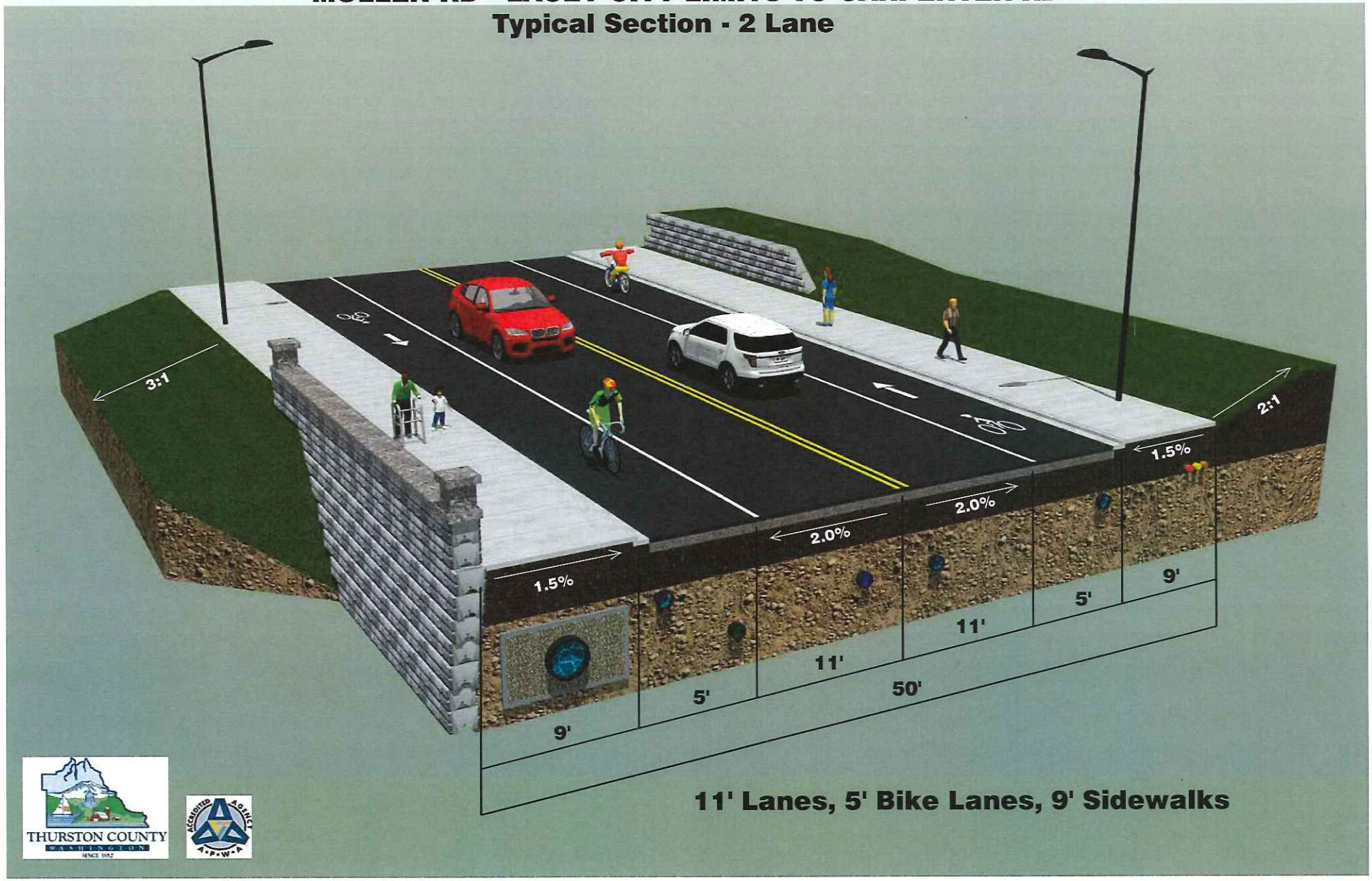


TYPICAL MULLEN ROAD SECTION


4'
12'
32'
12'
4'
MULLEN RD EXISTING TYPICAL SECTION - 2 LANE
12' Lanes, 4' Shoulders

MULLEN RD - LACEY CITY LIMITS TO CARPENTER RD

Typical Section - 2 Lane



THURSTON COUNTY
WASHINGTON
SINCE 1852

ACCREDITED AGENCY
APWA